

100	<b>PLANT SETTING</b>	12	..Main and auxiliary frame
101	..Excavating transplanter	13	..Main and auxiliary frame machines
102	..Through mulch	14	<b>DRILLING</b>
103	..Laterally shifted to final position	15	..Hill-planting machines
104	..Plant dispensing (i.e., singulation from a bulk source)	16	..Check correcting
105	..Supply in organized array	17	...With automatic regulator
106	..Manually operated implement	18	..Frame and planting-element arrangement
107	..With furrow opener	19	...With tractive-belt feed drive
108	..With irrigator	20	...Sectional main frame
109	..Drilling machine (i.e., furrow opener)	21	....Break joint
110	..With irrigator	22	...Main and auxiliary frame
111	..Runner opener	23	....Rotary-marker operator
112	..Rotating or orbiting opener	24	....Hopper-carrying auxiliary
113	...Power operated	25	..Depositing and marking mechanisms
114	..Plant containing receptacle impressed into soil	26	...Powder marking
115	..Dibbler	27	...Driving marking
116	..Auger type	28	....Revolving
117	..Angled	29	...Driven marker
118	<b>LIQUID OR GAS SOIL TREATMENT</b>	30	....Plunging
119	..Treating substance includes ammonia (e.g., flashing control)	31	.....Hill covering
120	..Drilling machines (i.e., furrow opener)	32	....Revolving
121	..Rotating or orbiting opener	33	..Marking mechanisms
122	...Power operated	34	..Depositing mechanisms
123	..Chisel opener	35	...Interchangeably operable
124	..Shoe opener	36	...Primarily axle-driven
125	..Runner opener	37	....Intermittently controlled
126	..Moldboard opener	38	.....Check-wire tripped
7.1	..Hand manipulated	39	.....Both feeder and valve
7.2	..Implement carried supply	40	.....With wire-actuated valve
7.3	...Work operated valve	41	....With wire-actuated valve
7.4	...Non-gravity fluid feed	42	...Endless-belt tripped
127	..Injector nozzle situated above soil surface	43	...Line-wire driven
128	..Rotating dibble injector	44	....Reel carried
129	..Multiple fluid treatment	45	....Check-wire tripped
8	<b>DRILLING AND BROADCASTING</b>	46	....Both feeder and valve
9	..Main and auxiliary frame machines	47	....Trip-fork mechanisms
130	<b>BROADCASTING</b>	48.1	....Guide
131	..Including powered tiller	49	....Wire-end-anchoring devices
132	..Material dispensed ahead of tiller	50	...Manually operated
133	..Material dispensed behind tiller	51	...Accumulators
11	..Machines with scatterer	52	..Frame and planting-element arrangement
		53	..Sectional main frame
		54	...Flexible
		55	....With auxiliary frame
		56	....Break joint
		57	...Extensible
		58	....V-shaped
		59	..Main and auxiliary frame
		60	...Plurality of auxiliaries

61	....Unitarily controlled	155	...Spring formed tool or standard
62	...Floating auxiliary	156	..Chisel opener
134	....Gauge means for auxiliary frame	157	..Rotary opener
135	.....Rotating gauge means	158	...Power rotated
136	.....Packing means gauges opener	159	....With tine
137	.....Adjustable gauge wheels separate from packer	160	.....Rotatable about vertical axis
138	.....Sled frame	161	.....Material deposited into tiller operated zone
63	....Hopper carrying	162	....Material deposited behind tiller
64	.....Detachable	163	...Disk
65	.....Single row	164	....Plural cooperating disk openers
66	....Tool-bar type	165	.....Staggered arrangement
67	.....With lift and ungear	166	.....Scalloped or fluted
68	...With crank-axle lift	167	....Flat
69	..With adjustable planter elements	168	....Dished
70	..Rigid	169	.....Scalloped or fluted
71	...Single row	170	..Having depositor feature
72	....Manually operated depositing mechanism	171	..Endless conveyor with traps
73	....Multiple depositing	172	...Chain
74	....Revolving hopper	173	..Screw conveyor
75	....Vibrating hopper	174	..Fluid current conveyor
76	....Vibrating delivery chute	175	...Flow divider head
77	....Rotating dispenser	176	...Material speed reducing means
78	.....Axle mounted	177	..Rotating dispensing element
79	..Single-row implements	178	...Roll or drum
80	..Multiple depositing	179	....Air pressure differential drum
81	..Planter-element arrangement	180	.....Vacuum blocker rotates
82	..Hand propelled	181	.....Excess material remover
83	..Lister units	182	.....Protrusions on drum periphery
84	..Drag-bar units	183	...Plate type trap
139	..Including trash control accessory	184	....Vertical
140	..Coulter	185	.....Air pressure differential
141	..Dozer (i.e., deflector)	186	..Plural depositors for disparate material
142	...With tine	187	...To various depths
143	..Having holddown	188	...At least one solid, one liquid
144	..Including mulching accessory	189	..Including seed tamper in furrow
145	..Harrow	190	..Furrow closer
146	...Spring tooth	191	..Rotating furrow closer
147	..Including subsoiler (i.e., deep soil tiller)	192	...Disk
148	..With furrow smoother	193	....Plural
149	..Furrow opener	194	...Packer wheel
150	..Including dispensed material deflector	195	....Plural
151	..Including trip mechanism	196	.....Pinch adjustment
152	..Shoe opener	197	..Drag
153	..Runner opener	198	...Chain
154	..Boot opener (e.g., tooth or tine)	89	<b>DIBBLING</b>
		90	..Revolving-hopper implements

91 ..Revolving-dibble-carrier  
implements  
92 ..Manually-operated implements  
93 ..Machine attached  
94 ..Spacing in hill  
95 ..Regulated discharge  
96 ...Sliding-plunger control  
97 ..Multiple-staff control  
98 ..Footplate control  
99 ..Dibbles  
199 **SEED TAPE PLANTER**  
200 **MISCELLANEOUS**

**CROSS-REFERENCE ART COLLECTIONS**

900 **METHODS OF PLANTING SEEDS AND  
MISCELLANEOUS COMPOSITIONS**  
901 **LAWN OR TURF**  
902 ..Pasture renovation  
903 **MONITOR**  
904 ..Population control function  
905 **SEED TREATING SEED PLANTER**  
906 **SPECIALIZED COMMODITY**  
907 ..Cane  
908 ..Potato  
909 ..Bulb  
910 ..Onion  
911 ..Rice  
912 ..Pineapple  
913 ..Vegetable (i.e., small seed)  
914 ..Lettuce  
915 **SPECIAL CONDITION**  
916 ..Seed pellet  
917 ..Gel  
918 ..Sprout  
919 **SPECIAL TRANSPLANT RELATED  
FEATURE**  
920 **AIRPLANE**  
921 **UNIQUE MOTOR DRIVE**  
922 **VARIABLE DRIVE MECHANISM**  
923 **INTERROW, INTERCROP PLANTER**  
924 **MINIMUM AND NO TILL PLANTER**  
925 **TANK AND HOPPER TRAILERS**  
926 **SPECIAL SUSPENSION OR GAUGING  
FEATURE**  
927 **PARALLELOGRAM MOUNTING**

**FOREIGN ART COLLECTIONS**

FOR **CLASS-RELATED FOREIGN DOCUMENTS**

